Assault Amphibious Vehicle Family of Vehicles, Modification Kit Program

DESCRIPTION

The Assault Amphibious Vehicle (AAV) Modification Kit Program provides life-cycle support to ensure cost-effective combat readiness for the AAV Family of Vehicles (FOV). This is accomplished through continuous review of sub-systems to maintain system supportability, safety, reduce total ownership costs, and improve fleet readiness. The Modification Kit Program, also known as the Mod Kit Line, primarily supports engineering change proposal work, and the fielding of the Enhanced Appliqué Armor Kit (EAAK).

OPERATIONAL IMPACT

The AAV Modification Kit Program for the AAV FOV-Reliability, Availability, Maintainability/Rebuild to Standard (RAM/RS) and non-RAM/RS-allows these vehicles to continue to support Marine Air-Ground Task Force operations. Changes include safety upgrades; the replacement of obsolete or no longer available subsystems or components; reliability/maintainability upgrades that reduce total ownership cost; integration of needed Command, Control, Communications, Computers, and Intelligence (C4I) systems; and, interoperability improvements.

PROGRAM STATUS

The Mod Kit Line will ensure EAAK is available for all fielded AAVs via a reprocurement effort with kits fielded through FY 2006 and sustainment quantities fielded through FY 2007. Lessons learned during Operation Iraqi Freedom (OIF) and OIF-II have led to many minor safety and survivability changes, which began fielding in FY 04 and will continue through FY 06. Current system improvements include integration of the DAGR GPS system, Crewman's helmet improvements and towing system improvements. Future modifications will include the integration of C4I systems as required, integration of a thermal sight, and continued incorporation of reliability, maintainability and safety improvements.

Procurement Profile:	FY 06	FY 07
Quantity: EAAK	75	0
Developer/Manufacturer:		

EAAK Kits: Rafael, Ltd., Haifa, Israel
Engineering Support: BAE Systems, Triangle, VA